

FIGURE 1

FOR THE

TABLE "A" SEQ ID NO. 1

Cpa12	.....MGAG GR.....	..GRTSEKSV	MERVSVD	PPVT	FSLSELKQAI
CrepX	.....MGAG GR.....	..GRTSEKSV	MERVSVD	PPVT	FSLSELKQAI
Vga11	.....	.....	.....	.....	.....
Vga1	.....MGAG GRM.....	NTTDDDDQKNL	FQRPASK	PP	FSLADLKKAI
Crep1	.....MGGG GR.....	..GRTSQKPL	MERVSVD	P	FTVSDLKQAI
L26296	.....MGAG GRMPV....	P	TSSKKSETDT	TKRVPCEKPP	FSVGDLLKAI
X911139	.....MGAG GRMQV....	S	PSPKKSETDI	LKRVPCEKPP	FTVGEELKAI
L43921	.....MGAG GRTDV....	P	PANRKSEVDP	LKRVPFEKPP	FSLSQIKKAI
X92847	.....MGAG GRMSA....	P	NGETEVRNP	LQKVPTSKPP	FTVGDILKAI
L43920	MGLAKETTMG GRGRV....	A	KVEVQK.KP	LSRVPNTKPP	FTVGQLKAI
U22378	.....MGGG GRMSTVITSN	NSEKKGSSH	LKRAPHTKPP		FTLGDLLKAI

50

FIGURE 2A

PPHCFQRSVI

Cpa12	51	PPHCFQRSVI	RSSYYVVQDL	IIAYIFYFLA	NTYIPTLPTS	LAY.LAWPLY	100
CrepX		PPHCFQRSVI	RSSYYVVQDL	IIAYIFYFLA	NTYIPTLPH	LAY.LAWPLY	
Vga11		.....	.....	.....	.....	.....
Vga1		PPHCFQRSLL	RSSYYVVHDL	VVAYVFFYLA	NTYIPLLPSP	LAYLLAWPLY	
Crep1		PPHCFKRSVI	RSSYYIVHDA	IIAYIFYFLA	DKYIPILPAP	LAY.LAWPLY	
L26296		PPHCFKRSIP	RSFSYLISDI	IIASCFFYYVA	TNYFSLLPQP	LSY.LAWPLY	
X91139		PPHCFKRSIP	RSFSYLIWDI	IVASCFFYYVA	TTYFPLLPHP	LSY.VAWPLY	
L43921		PPHCFQRSVL	RSFSYVVYDL	TIAFCLYYVA	THYFHLLPGP	LSF.RGMAIY	
X92847		PPHCFQRSLL	RSFSYVVYDL	ILVSIYYVA	NTYFHLLPSP	YCY.IAWPIY	
L43920		PPHCFQRSLL	TSFSYVVYDL	SFAF.IFYIA	TTYFHLLPQP	FS.LIAWPIY	
U22378		PPHCFERSFV	RSFSYVAYDV	CLSFLFYISIA	TNFFPYISSP	LS.YVAQLVY	

FIGURE 2B

FIGURE 2C

Cpa12	WFCQASVLTG	LWILGHECGH	HAFSNYTWFD	DTVGFILHSF	LLTPYFSWKF	150
CrepX	WFCQASVLTG	LWILGHECGH	HAYSNYTWVD	DTVGFIIHSF	LLTPYFSWKY	
Vga11	.....	.....H	HAFSDYQWID	DTVGFILHFA	LFTPYFSWKY	
Vga1	WFCQGSILTG	VWVIGHECGH	HAFSDYQWID	DTVGFILHSA	LFTPYFSWKY	
Crep1	WFCQASILTG	LWVIGHECGH	HAFSDYQWVD	DTVGFIIHSF	LMTPYFSWKY	
L26296	WACQGCVLTG	IWVIAHECGH	HAFSDYQWLD	DTVGLIFHSF	LLVPYFSWKY	
X91139	WACQGVVLTG	VWVIAHECGH	HAFSDYQWLD	DTVGLIFHSF	LLVPYFSWKY	
L43921	WACQGCVITG	VWVIAHECGH	HAFSDYQLLD	DIVGLILHSA	LLVPYFSWKY	
X92847	WICQGCVCTG	IWVNAHECGH	HAFSDYQWVD	DTVGLILHSA	LLVPYFSWKY	
L43920	WVLQGCLLTG	VWVIAHECGH	HAFSKYQWVD	DVVGLTLHST	LLVPYFSWKI	
U22378	WLFQGCILTG	LWVIGHECGH	HAFSEYQLAD	DIVGLIVHSA	LLVPYFSWKY	

FIGURE 2C

Cpa12	SHRN <u>HH</u> SNTS	SIDNDEVYIP	KSKSKLARIY	KLLNPPGRL	LVLIMFTLG	200
CrepX	SHRN <u>HH</u> SNTS	SIDNDEVYIP	KSKSKLKRIY	KLLNPPGRL	LVLVIMFTLG	
Vga11	SHRN <u>HH</u> HANTN	SLVTDEVYIP	KVKSKVKIYS	KILNPPGRV	FTLAFRLIVG	
Vga1	SHRN <u>HH</u> HANTN	SLDNDEVYIP	KVKSKVKIYS	KILNPPGRV	FTLAFRLIVG	
Crep1	SHRN <u>HH</u> HANTN	SLDNDEVYIP	KSKAKVALYI	KVLNHPGRL	LIMFITFTLG	
L26296	SHRN <u>HH</u> SNTG	SLERDEVFVP	KQKSAIKWYG	KYLNPLGRI	MMLTVQFVVG	
X91139	SHRN <u>HH</u> SNTG	SLERDEVFVP	KKKSDIKWYG	KYLNPLGRT	VMLTVQFTLG	
L43921	SHRN <u>HH</u> SNTG	SLERDEVFVP	KQKSCIKWYS	KYLNPLGRV	LTLAVTLLTG	
X92847	SHRN <u>HH</u> SNTG	SLERDEVFVP	KPKSQLGWYS	KYLNPLGRV	LSLTITLTLG	
L43920	SHRN <u>HH</u> SNTG	S�DRDEVFVP	KPKSKVAWFS	KYLNPLGRA	VSLLVTLTIG	
U22378	SHRN <u>HH</u> SNIG	SLERDEVFVP	KSKKISWYS	KYSNPLGRV	LTLAATLLLG	
151						

FIGURE 2D

				250
Cpa12	FPLYLLTNIS	GKKY.DRFAN	HFDPMSPIFK	ERERFQVFLS
CrepX	FPLYLLTNIS	GKKY.DRFAN	HFDPMSPIFK	ERERFQVFLS
Vga11	FPLYLFTNVS	GKKY.ERFAN	HFDPMSPIFT	EREHVQVLLS
Vga1	FPLYLFTNVS	GKKY.ERFAN	HFDPMSPIFT	EREHVQVLLS
Crep1	FPLYLFTNIS	GKKY.ERFAN	HFDPMSPIFK	ERERFQVLLS
L26296	WPLYLAFNVS	GRPY.DGFAC	HFFPNAPIYN	DRERLQIYLS
X91139	WPLYWAFNVS	GRPY.PEGFAC	HFFPNAPIYN	DRERLQIYVS
L43921	WPLYLAFNVS	GRPY.DRFAC	HYDPYGIYS	DRERLQIYIS
X92847	WPLYLAFNVS	GRPY.DRFAC	HYDPYGIYN	NRERLQIFIS
L43920	WPMYLAFNVS	GRPY.DSFAS	HYHPYAPIYS	NRERLLIYVS
U22378	WPLYLAFNVS	GRPY.DSFAC	HYDPYGIIFS	ERERLQIYIA
				DLGLLAVFYG
				DLGLLAVFYG
				DFGLIAVAYV
				DFGLIAVAYV
				DLGLLAVAYG
				DAGILAVCFG
				DAGILAVCYG
				DAGVLAVVYG
				DAGVLGVCYL
				DVALFSVTYS
				DLGIFATTFV

FIGURE 2E

Cpa12	IKVAVANKGA	AWVACMYGVP	VLGVFTFFDV	ITFLHHTHQ	SPHYDSTEWN	300
CrepX	IKVAVANKGA	AWVACMYGVP	VLGVFTFFDV	ITFLHHTHQ	SPHYDSTEWN	
Vga11	VRQAVLAKGG	AWVMCIYGVP	VLAVNAFFVL	ITYLHHTHLS	LPHYDSSEWD	
Vga1	VRQAVLAKGG	AWVMCIYGVP	VLAVNAFFVL	ITYLHHTHLS	LPHYDSTEWD	
Crep1	VKLAVAAKGA	AWVTCIYGIP	VLGVFIFFDI	ITYLHHTHLS	LPHYDSSEWN	
L26296	LYRYAAAQGM	ASMICLYGVP	LLIVNAFLVL	ITYLQHTHPS	LPHYDSSEWD	
X91139	LYRYAAAQGV	ASMVCLYGVP	LLIVNAFLVL	ITYLQHTHPS	LPHYTSSEWD	
L43921	LFRLAMAKGL	AWVVCVYGVP	LLVWNGFLVL	ITFLQHTHPA	LPHYDSSEWD	
X92847	LYRIALVKGL	AWLVCVYGVP	LLVWNGFLVL	ITYLQHTHPS	LPHYDSTEWD	
L43920	LYRVATLKGL	VWLLCVYGVP	LLIVNGFLVL	ITYLQHTHFA	LPHYDSSEWD	
U22378	LYQATMAKGL	AWVMRIYGVP	LLIVNCFLVM	ITYLQHTHPA	IPRYGSSEWD	

FIGURE 2F

301
 Cpa12 WIRGALSAID RDFGFLNSVF HDVTHTHVMH HLFYIPHYH AKEARDAIKP 350
 CrepX WIRGALSAID RDFGFLNSVF HDVTHTHVMH HLFYIPHYH AKEARDAIKP
 Vga11 WLR.....
 Vga1 WIKGALCTID RDFGFLNRVF HDVTHTHVLH HLISYIPHYH AKEARDAIKP
 Crep1 WLRGALSTID RDFGFLNSVL HDVTHTHVMH HLFYIPHYH AKEARDAINT
 L26296 WLRGALATVD RDYGILNKVF HNIADTHVAH HLFSTMPHYN AMEATKAIKP
 X91139 WLRGALATVD RDYGILNKVF HNIADTHVAH HLFSTMPHYH AMEATKAIKP
 L43921 WLRGALATVD RDYGILNKVF HNIADTHVAH HLFSTMPHYH AMEATKAIKP
 X92847 WLRGALATCD RDYGILNKVF HNIADTHVVH HLFSTMPHYH AMEATKAVKP
 L43920 WLKGALATMD RDYGILNKVF HHITDTHVAH HLFSTMPHYH AMEATNAIKP
 U22378 WLRGAMVTVD RDYGILNKVF HNIADTHVAH HLFATVPHYH AMEATKAIKP

FIGURE 2G

351	ILGDFYMIDR	TPILKAMWRE	GRECMYIEPD	S..KLKGVYW	Y.HKL
Cpa12	ILGDFYMIDR	TPILKAMWRE	GRECMYIEPD	S..KLKGVYW	Y.HKL
CrepX	.....	.....	.....	.....	.....
Vga11	VLGEYYKIDR	TPIVKAMWRE	AKNAYTLRLM	KIASTKAHTG	TTSCKARS
Vga1	VLGDFYMIDR	TPILKAMWRE	AKECIFIEPE	KGRESKGVYW	Y.NKF
Crep1	ILGDYYQFDG	TPWYVAMYRE	AKECIYVEPD	REGDKKGVYW	YNNKL
L26296	ILGDYYQFDG	TPWYKAMWRE	AKECIYVEPD	RQGEKKGVFW	YNNKL
X91139	ILGEYYRFDE	TPFVKAMWRE	ARECIYVEPD	QSTESKGVFW	YNNKL
L43921	LLGDYYQFDG	TPIYKEMWRE	AKECLYVEKD	ESSQKGVFW	YNNKL
X92847	ILGEYYQFDD	TPFYKALWRE	ARECLYVEPD	EGTSEKGVYW	YRNKY
L43920	IMGEYYRYDG	TPFYKALWRE	AKECLFVEPD	EGAPTQGVFW	YRNKY
U22378					

FIGURE 2H

10/17/01 10:00 AM

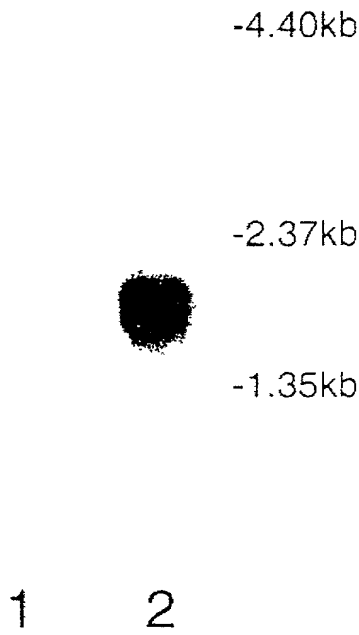


FIGURE 3

FIGURE 4

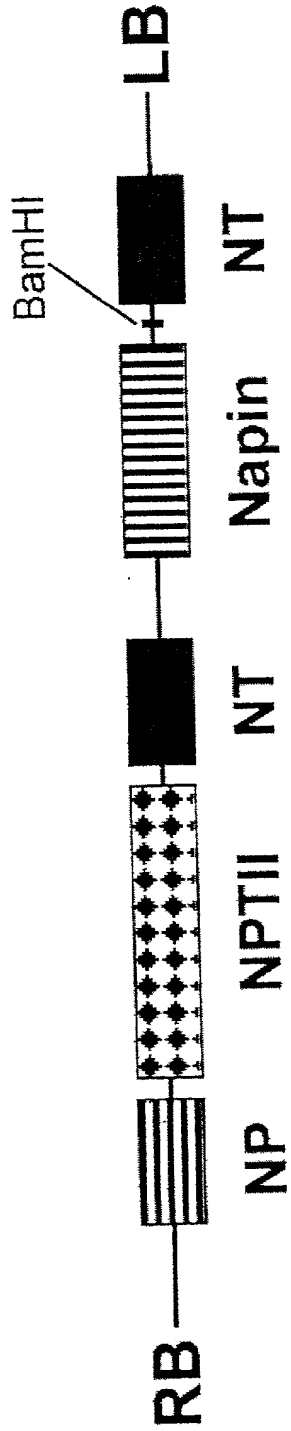


FIGURE 4

Patent # 6,418,650

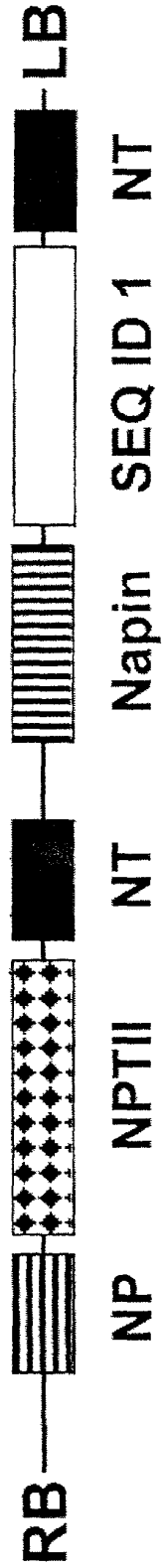


FIGURE 5

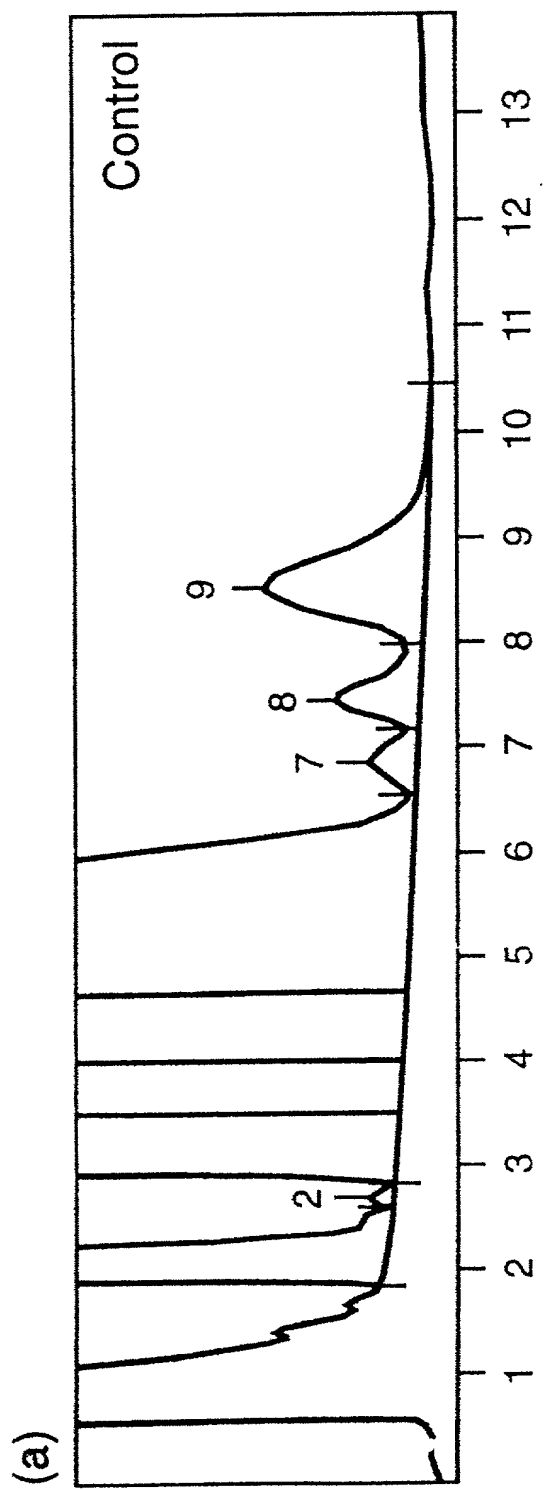


FIGURE 6A

FOOTPRINT™

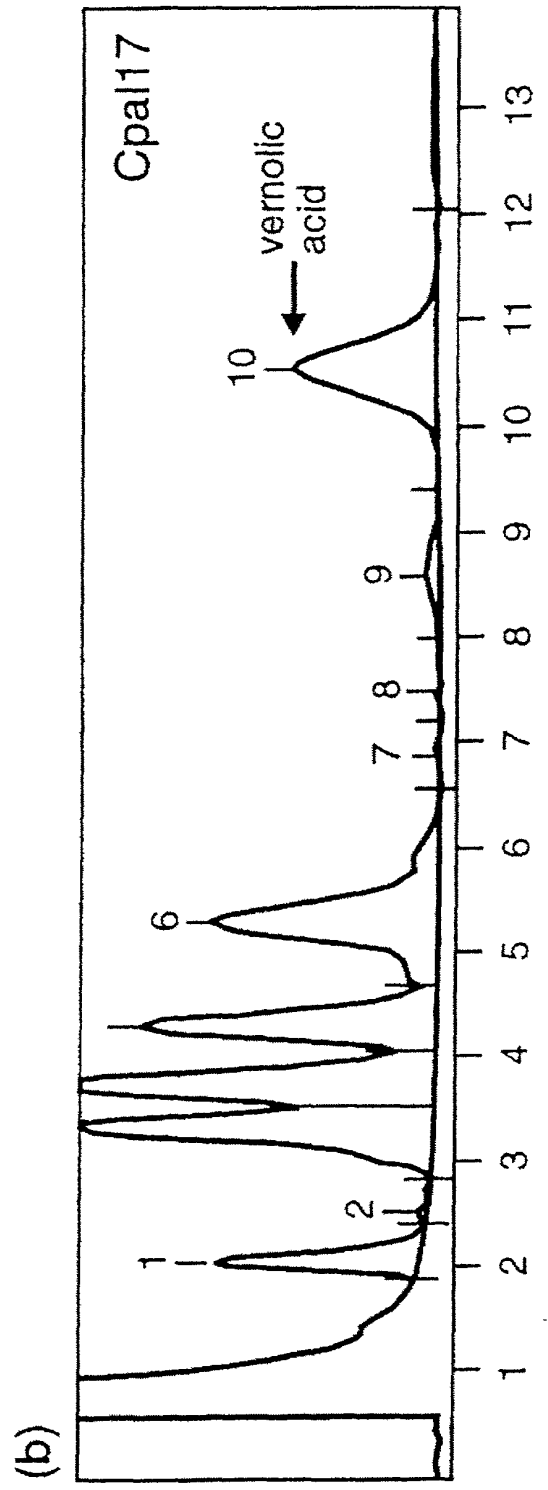


FIGURE 6B

022077-0000

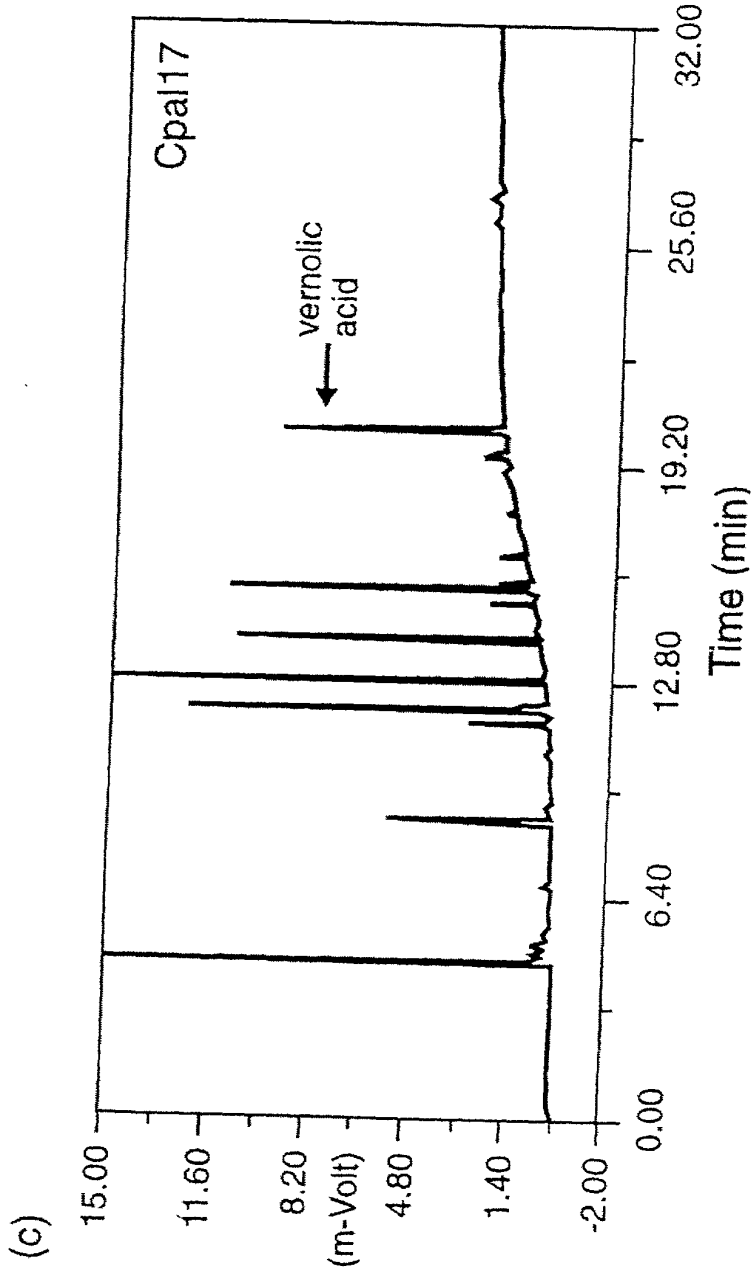


FIGURE 6C

FIGURE 7

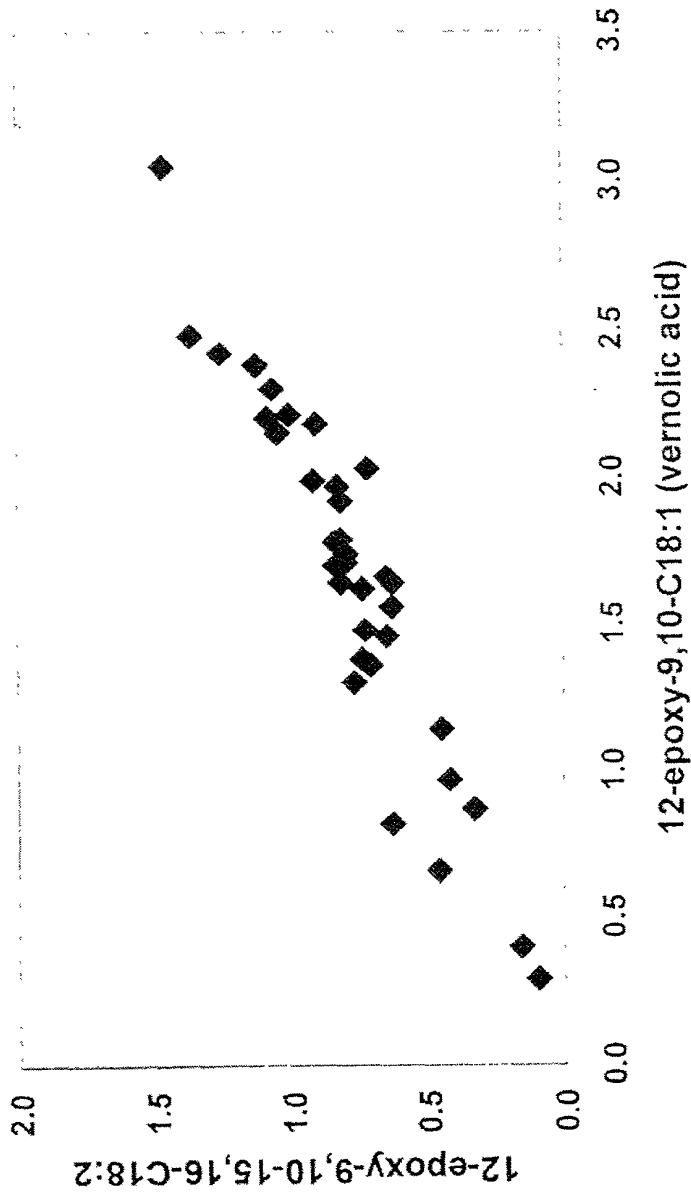


FIGURE 7

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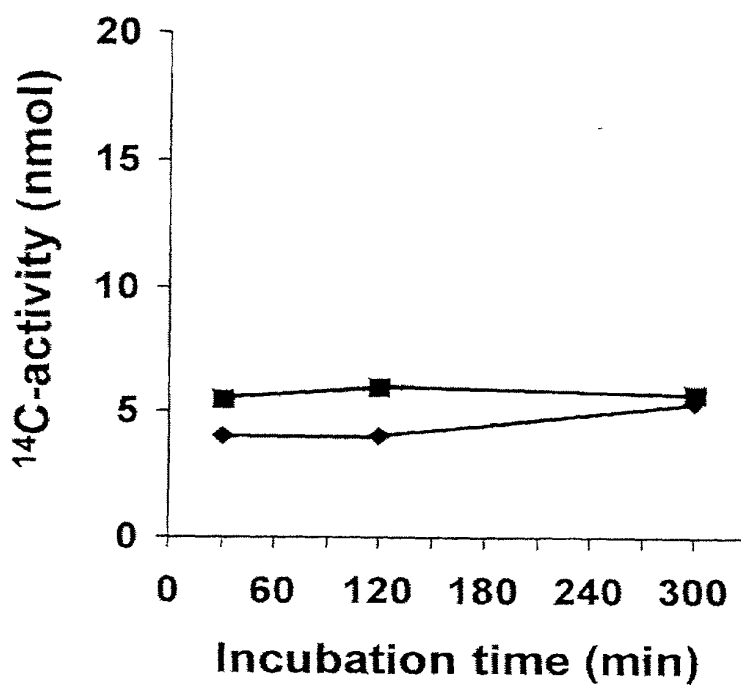


FIGURE 8

09944421660

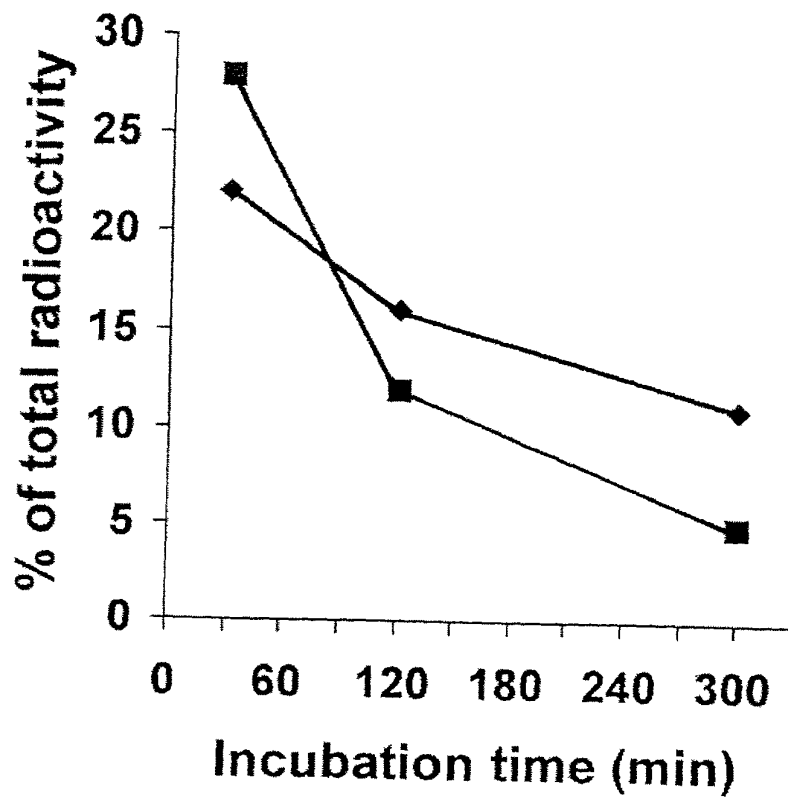


FIGURE 9

FOR FFF 427660

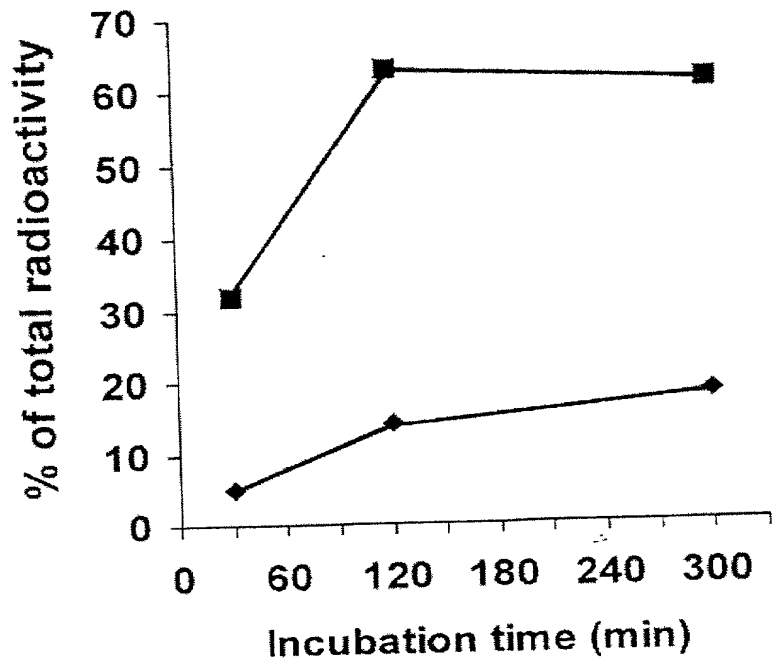


FIGURE 10